

NWS CHANGE FORM PART A			1. DATE SUBMITTED 13 April 2000	
This form is in three parts. Submitters must complete unshaded blocks in Part A and as much of Part B as possible. WSH will complete Part C (implementation details). If there is no specific required change date, enter 60 days from date submitted. Address questions to NWS Change Management at (301) 713-1373. Submit change requests to the NWSRC mailbox (External: NWSRC@noaa.gov).				
2. ORIGINATOR OFFICE APO		3. SUBMITTING AUTHORITY Name: Ward Seguin Routing Code: W/APO1		4. COGNIZANT TECHNICAL INDIVIDUAL Name: Ken Hager Routing Code: W/APO1 Phone: 301-713-0920x164
5. ORIGINATOR TRACKING NUMBER P426_APO_A100058				
6. SYSTEMS AFFECTED BY CHANGE <input type="checkbox"/> DATA PRODUCTS (Complete Data Products Supplement) <input type="checkbox"/> ASOS <input checked="" type="checkbox"/> AWIPS <input type="checkbox"/> CRS <input type="checkbox"/> NEXRAD <input type="checkbox"/> OTHER (specify) _____				7. WSH TRACKING NUMBER <div style="background-color: #e0e0e0; padding: 5px; text-align: center;"> NWS 582 4/18/00 </div>
8. TITLE OF CHANGE Remove SAVE button from the Alert Request GUI				
9. TYPE OF CHANGE <input type="checkbox"/> HARDWARE <input checked="" type="checkbox"/> SOFTWARE <input type="checkbox"/> DOCUMENTATION ONLY			10. SITES AFFECTED (Attach Part B, Page 2, if needed) All R4.2..6 sites only	
11. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM (Include problem report reference numbers.) In Build 4.2.6, clicking the SAVE button on the Alert Request GUI causes a blank alert request file to be sent to the RPG. Therefore, no alerts will ever be generated by the RPG even though the alerts appear to be defined correctly when displayed in the GUI. The workaround to this problem is simply not to use the SAVE button at all in 4.2.6. However, the fact that it is there still poses a risk in that it could be inadvertently clicked in a severe weather situation. This patch causes the SAVE button to be removed from the GUI entirely, thereby eliminating that possibility entirely. [Related to DR 2664]				
12. KNOWN OR PROPOSED SOLUTION (Include source and description of new features or data products.) Comment out the statement in the alertRequest script (specifically the mkActionButton proc) which causes the SAVE button to appear in the GUI. Note: Both the patch and the associated installation script were tested on the NHOW system. Closure Criterion: The software patch and the associated installation script are posted in a tar file on the NOAA1 server and all of the Regional AWIPS Focal Points are provided with the procedures for downloading and executing it. Implementation is at the discretion of the Regional AWIPS Focal Points and the individual sites themselves. See Attachment A for installation information.				
13. ALTERNATE SOLUTIONS Instruct sites not to use the SAVE button in 4.2.6.				
14. REQUIRED CHANGE DATE ASAP		15. RATIONALE FOR REQUIRED CHANGE DATE (Include proposed priority, if known.) Operational necessity, we are in severe weather season now.		
CCB/PMC/CMB DECISION				
16. DECISION AUTHORITY LEVEL		<input type="checkbox"/> CCB LEVEL ONLY <input type="checkbox"/> PMC or NWS CMB DECISION REQUIRED		
17. CCB LEVEL DECISION		<input type="checkbox"/> APPROVED <input type="checkbox"/> RECOMMEND APPROVAL <input type="checkbox"/> DISAPPROVED		
		SIGNATURE DATE SIGNED		
FOR USE ONLY WHEN PMC or NWS CMB DECISION REQUIRED				
18. PMC OR NWS CMB DECISION		<input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED		
		SIGNATURE DATE SIGNED		

NWS CHANGE FORM PART B		1. ORIGINATOR TRACKING NUMBER P426_APO_A100058	
All RC/ECP submissions must also address the following information. Indicate if any areas are unknown or do not apply. State why information is unknown and when it will be available. Attach extra pages if necessary, referencing each applicable subject.		2. WSH TRACKING NUMBER NWS 582	
FUNDING INFORMATION			
Estimate costs and indicate known sources of funding. (Include travel time, installation time, administrative time, and software development time when applicable.)		3. SOURCE OF FUNDING	4. TOTAL COST \$500
5. DEVELOPMENT COSTS (Estimate development costs)			AMOUNT
6. OPERATIONAL TEST AND EVALUATION COSTS (Estimate test and evaluation costs)			AMOUNT
7. PRODUCTION COSTS (Include acquisition, kit proofing, spares, delivery, and documentation costs)			AMOUNT
8. COMMUNICATIONS SERVICE/CIRCUITS COSTS (Include installation and recurring costs)			AMOUNT
9. IMPLEMENTATION SUPPORT COSTS (Include travel, installation, and administrative costs)			AMOUNT
9A. LIFE CYCLE SUPPORT COSTS (Less communications service/circuits)			AMOUNT
SUPPORTING INFORMATION AND SCHEDULES Provide detailed information needed to implement the requested change.			
10. DEVELOPMENT STATUS/SCHEDULE (Major milestones such as Start, Beta Test, and OT&E)		11. PRODUCTION STATUS/SCHEDULE (Major milestones such as Solicitation, Contract Start Date, Delivery Date, Kit Proofing, etc.)	
12. IMPLEMENTATION/RETROFIT SCHEDULE		13. FACILITY INFORMATION (Attach facility drawings/plans.)	
14. COMMUNICATIONS INSTALLED (Type required, who will order, and associated hardware required; attach Part B, Page 2, if needed.)		15. COMMUNICATIONS SERVICE/CIRCUITS TO BE REMOVED	
16. REQUIRED CLEARANCES, WAIVERS, AND LICENSES (Include person or organization responsible for obtaining each)		17. COORDINATION OF CHANGE WITH OTHER CHANGES	
18. PHYSICAL ITEMS AND DOCUMENTS AFFECTED (Include part, serial, and document numbers. Attach Part B, Page 2, if needed.)		19. STAFF RESOURCE IMPACTS (Skills and workload impact on maintainers, operators, and managers.)	
20. LOGISTICS IMPACTS (Include facilities, maintenance, training, and support equipment impacts.)		21. OPERATIONAL IMPACTS (Include continuity and back up needs and plans.)	
22. ADDITIONAL MAJOR CHANGE ACTIVITIES (Include who will accomplish each of them and staff hours required.)			

NWS CHANGE FORM PART B - PHYSICAL ITEM AND DOCUMENT IMPACT MATRIX SUPPLEMENT						1. ORIGINATOR TRACKING NUMBER P426_APO_A100058			
This information is required prior to publication of Engineering Modification Notes and Software Release Notes. List physical items to be replaced and specify any changes in related documentation. (Submitters should complete this information, if known. WSH will assist.)						2. WSH TRACKING NUMBER NWS 582			
3. ITEM NAME, CIRCUIT TYPE, SOFTWARE VERSION, OR SITE LOCATION	4. REMOVE REPLACE MODIFY	5. SUPERSEDED ITEM OR CONFIGURATION		6. SUPERSEDING PART NUMBER OR NEW CONFIGURATION	7. DOC TYPE	8. SUPERSEDED DOCUMENT		9. SUPERSEDING DOCUMENT	
		A. PART NUMBER OR CONFIGURATION	B. SERIAL NUMBER(S) OR COMMENTS			A. IDENTIFIER	B. REV	A. IDENTIFIER	B. REV
N/A									

<div> <div>NWS CHANGE FORM</div> <div>PART C</div> </div>			<div>1. ORIGINATOR TRACKING NUMBER</div> <div>P426_APO_A100058</div>		
<div>WSH is responsible for Part C, but submitters may complete sections that would help clarify the change requirement or the necessary implementation actions.</div>			<div>2. WSH TRACKING NUMBER</div> <div>NWS 582</div>		
<div>3. CCB COST EVALUATION</div> <div> <div>NWS COST \$</div> <div>FAA COST \$</div> <div>DOD COST \$</div> <div>OTHER AGENCY COST \$</div> <div>TOTAL COST \$</div> <div>(SPECIFY)_____</div> </div>					
<div>4. IMPLEMENTATION DOCUMENTS REQUIRED</div> <div> <input type="checkbox"/> Engineering Modification Note <input type="checkbox"/> Software Release Notes <input type="checkbox"/> Other Document (Specify)_____ </div>					
<div>ADDITIONAL IMPLEMENTATION INSTRUCTIONS (e.g., Implementation schedule, parts shipping instructions, equipment disposal procedures, additional documentation required, and status reporting instructions.) Include documentation, data input, notification vehicle, or specific action step required to verify completion of the implementation activity.</div>					
<div>5. IMPLEMENTATION ACTIVITY REQUIRED</div>		<div>6. REQUIRED COMPLETION DATE</div>	<div>7. RESPONSIBLE PERSON AND OFFICE</div>	<div>8. DOCUMENT OR ACTION REQUIRED TO VERIFY COMPLETION</div>	
<div>1. SST posts the patch and instructions on the NOAA1 server and notifies the sites</div> <div>2. Ensure this change is reported to the Weather Service Headquarters (WSH) through the Engineering Management Reporting System (EMRS) according to the instructions in Engineering Handbook number 4, part 2. Record this RC number (NWS582) in Block 17a of the EMRS report.</div> <div>3. Ensure the appropriate WSH management information systems and configuration management data bases are updated to reflect these changes.</div> <div>Note 1. ESA or other WFO Staff member at each site listed in Part A, Item 10 (Sites Affected) shall report any time (administrative/over-sight/validation/check-out, etc.) spent in support of this change in EMRS.</div>		<div>14 July 00</div> <div>14 June 00</div>	<div>Thigpen/SST, W/APO3</div> <div>See Note 1.</div> <div>Michelle deTommaso W/OSO113</div>		

Pre-Installation and Installation Instructions

1. Pre-installation Requirements:

Sites installing the patch must be at Build 4.2.6. Sites with Build 4.3.x should NOT install the patch at all since the problem has been fixed in 4.3.

2. **Impacted files:** The modified file is alertRequest, which is located in /awips/fxa/bin.

3. **Installation:** To install the patch, sites download the file called alertRequest.tar from the /tmp directory on the NOAA1 server into the /tmp directory on ds1. They then untar the file and run the installation script, alertRequest_update.sh.

The installation script pushes the new version of alertRequest from the /tmp directory on ds1 to the /awips/fxa/bin directory on all workstations (overwriting the existing copy of alertRequest when it does). It also copies it to the /awips/fxa/bin directory on ds1 after first renaming the original file to alertRequest_orig. Finally, it cleans up /tmp on ds1 by deleting the installation script and tar file which were downloaded there.

To remove the patch, sites simply need to copy alertRequest_orig from the /awips/fxa/bin directory on ds1 back to the workstations.